

Question	Answer	Marks	Part marks
1(a)(i)	$600 \div (11 + 9) \times 11$ [=330] with no errors seen	<b>M1</b>	Could be in separate steps
1(a)(ii)	270	<b>1</b>	
1(b)(i)	372 <i>cao nfw/w</i>	<b>3</b>	<b>B2</b> for answer 371.7... or <b>M1</b> for $330 \times \left(1 + \frac{1.5}{100}\right)^8$ <i>oe</i> not spoiled After zero scored, <b>SC1</b> for answer 42 or 41.7...
1(b)(ii)	12.6 or 12.7 or 12.63 to 12.73	<b>2</b>	<b>M1</b> for $\frac{\text{their (b)(i)} - 330}{330}$ or $\frac{\text{their (b)(i)}}{330} \times 100$ <i>soi</i> by 112.7 or 113 After zero scored, <b>SC1</b> for answer 12%
1(c)(i)	$\frac{99}{280}$ <i>cao final answer</i>	<b>1</b>	
1(c)(ii)	27.5[0]	<b>3</b>	<b>M2</b> for $24.75 + \frac{100 - 10}{100}$ <i>oe</i> or <b>M1</b> for recognising 24.75 as 90[%] <i>oe</i>
1(d)(i)	32 <i>cao</i>	<b>2</b>	<b>M1</b> for $\left(1 - \frac{20}{100}\right)\left(1 - \frac{15}{100}\right)[x]$ <i>oe</i> or for $0.15 \times 0.8 [x]$ <i>oe</i>
1(d)(ii)	13 <i>cao</i>	<b>2</b>	<b>M1</b> for $\left(1 - \frac{20}{100}\right)\left(1 - \frac{15}{100}\right) \times x = 40.84 - 32$ <i>oe seen</i> or for $\text{their (d)(i)} + \left(1 - \left(\frac{\text{their (d)(i)}}{100}\right)\right)x = 40.84$ <i>oe</i>
2(a)(i)	Image at (8, 1), (10, 5), (8, 5)	<b>2</b>	<b>B1</b> for translation $\begin{pmatrix} 6 \\ k \end{pmatrix}$ or $\begin{pmatrix} k \\ -5 \end{pmatrix}$ or 3 correct points not joined
2(a)(ii)	Image at (4, 10), (4, 8), (8, 8)	<b>2</b>	<b>B1</b> for rotation 90° anticlockwise but different centre or for rotation 90° clockwise about (-4, 10) or 3 correct points not joined
2(a)(iii)	Image at (6, 3), (6, 5), (7, 5)	<b>2</b>	<b>B1</b> for enlargement factor $\frac{1}{2}$ but incorrect centre or 3 correct points not joined
2(b)	Reflection	<b>1</b>	
	$y = -x$ <i>oe</i>	<b>1</b>	If zero scored, <b>M1</b> for correct use of matrix product

# Maths Igcse January 2013 Mark Scheme

**DP Hallahan**



**Maths Igcse January 2013 Mark Scheme:**

## Unveiling the Magic of Words: A Report on "**Maths Igcse January 2013 Mark Scheme**"

In some sort of defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Maths Igcse January 2013 Mark Scheme**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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